THE CLAIMS

The following listing of claims replaces all previous listings and versions of claim in this application:

1-2   (Cancelled)

3.   (Currently Amended) A jewelry individual network component comprising:

a wireless transceiver configured to send data to and receive data from other individual network components in a modular personal network,

circuitry to provide a specific function for the modular personal network,

a mount configured to allow a user to wear the jewelry individual network component, and

an integrated item of jewelry selected from an earring, an item of body jewelry, a pendant, a necklace, a ring, a brooch, a pin, a cufflink, a tie tack, a tuxedo stud, a barrette, a hairpin, a hair accessory, a belt buckle, a bracelet, and an ankle bracelet,

whereby the jewelry individual network component is configured to operate as an individual network component in the modular personal network so as to send or receive data from one or more other individual network components of the modular personal network that are also carried by the user, and

wherein the modular personal network has characteristics, which are imparted onto network components operable in the network including the jewelry network component, the characteristics comprising each component providing one or more functions to the network, a new network component can be added to the modular personal network at any time to increase the capabilities of the system, a single network component can be removed resulting in an operating modular personal network that can perform without ~~that~~ the single network component and its corresponding one or more functions, the modular personal network is about the ~~same~~ size as ~~the~~ a user's personal space, and individual components operating in the modular personal

network are configured to receive from or transmit data to one or more other components in the modular personal network.

4.   (Previously Presented) The jewelry individual network component of claim 3, wherein the jewelry individual network component is an earring speaker and wherein:

the mount is configured to be worn in a pierced ear,

the wireless transceiver comprises a wireless receiver for receiving audio information, and

the circuitry comprises a speaker for playing the audio information.

5.   (Previously Presented) The jewelry individual network component of claim 3, wherein the jewelry individual network component is an earring antenna and wherein:

the mount is configured to be worn in a user's pierced ear;

the circuitry comprises

an antenna for receiving radio frequency signals,

a demodulator for processing the received signals, and

a modulator for converting the processed signals; and

the wireless transceiver comprises

a wireless transmitter for sending the converted signals to another device worn by the user.

6.   (Previously Presented) The jewelry individual network component of claim 3, wherein the jewelry individual network component is a ring individual network component and wherein:

the mount is of a ring configured to be worn around a user's finger,

the wireless transceiver is configured to communicate with a second individual network component worn by the user, and

the circuitry is selected from the group consisting of a pushbutton, a microphone, a digital camera, a pulse oximeter, a heart rate sensor, a blood pressure sensor, and a display,

wherein a function of the circuitry is provided to the second individual network

component.

7-9.   (Cancelled)

10.   (Currently Amended) A method for implementing a jewelry individual network
component comprising:

configuring the jewelry individual network component to send data to or receive
data from other individual network components in a modular personal
network,

configuring the jewelry individual network component to provide a specific
function for the modular personal network,

allowing a user to wear the jewelry individual network component using a mount,
and

integrating an item of jewelry into the jewelry individual network component that
is selected from an earring, an item of body jewelry, a pendant, a necklace, a
ring, a brooch, a pin, a cufflink, a tie tack, a tuxedo stud, a barrette, a hairpin,
a hair accessory, a belt buckle, a bracelet, and an ankle bracelet,

whereby the jewelry individual network component is configured to operate as an
individual network component in the modular personal network so as to send
or receive data from one or more other individual network components of the
modular personal network that are also carried by the user, and

wherein the modular personal network has characteristics, which are imparted
onto network components operable in the network including the jewelry
network component, the characteristics comprising each component
providing one or more functions to the network, a new network component
can be added to the modular personal network at any time to increase the
capabilities of the system, a single network component can be removed
resulting in an operating modular personal network that can perform without
~~that~~ the single network component and its corresponding one or more

-4-

functions, the <u>modular personal</u> network is about the ~~same~~ size as ~~the~~ <u>a</u> user's personal space, and individual components operating in the modular personal network are configured to receive from or transmit data to one or more other components in the modular personal network.

11.   (Previously Presented) The method of claim 10 wherein the jewelry individual network component is an earring speaker and wherein:

the mount is configured to be worn in a pierced ear,

the jewelry individual network component receives audio information, and

the function is of a speaker for playing the audio information.

12.   (Previously Presented) The method of claim 10 wherein the jewelry individual network component is an earring antenna and wherein:

the mount is configured to be worn in a user's pierced ear;

the providing a specific function comprises:

receiving radio frequency signals at an antenna,

processing the received signals using a demodulator, and

converting the processed signals using a modulator; and

the receiving or sending of data comprises:

sending the converted signals to another device worn by the user.

13.   (Previously Presented) The method of claim 10 wherein the jewelry individual network component is a ring individual network component and wherein:

the mount is of a ring configured to be worn around a user's finger, the sending or receiving comprises communicating with a second individual network component worn by the user, and

the specific function is of a pushbutton, a microphone, a digital camera, a pulse oximeter, a heart rate sensor, a blood pressure sensor, or a display, which is a particular function that is provided to the second individual network component.

14. (New) The jewelry individual network component of claim 3, wherein the new network component is added to implement a new function for the user in the modular personal network.

15. (New) The jewelry individual network component of claim 3, wherein new network components automatically join the modular personal network.

16. (New) The jewelry individual network component of claim 3, wherein the modular personal network automatically continues to operate with any remaining network components when the single network component is removed.

17. (New) The jewelry individual network component of claim 3, wherein the jewelry individual network component in the modular personal network automatically configures to adapt to an addition or removal of a another modular personal network component.

18. (New) The jewelry individual network component of claim 3, wherein individual network component of a modular personal network automatically join the modular personal network when said individual network component enters the user's personal space.

19. (New) The jewelry individual network component of claim 3, wherein each individual network component store identification information of other individual network components in its current modular personal network.

20. (New) The jewelry individual network component of claim 3, wherein each individual network component stores network identification information for the current modular personal network.

21. (New) The method of claim 10, wherein the new network component is added to implement a new function for the user in the modular personal network.

-6-

22.   (New) The method of claim 10, wherein new network components automatically join the modular personal network.

23.   (New) The method of claim 10, wherein the modular personal network automatically continues to operate with any remaining network components when the single network component is removed.

24.   (New) The method of claim 10, wherein the jewelry individual network component in the modular personal network automatically configures to adapt to an addition or removal of a another modular personal network component.

25.   (New) The method of claim 10, wherein individual network component of a modular personal network automatically join the modular personal network when said individual network component enters the user's personal space.

26.   (New) The method of claim 10, wherein each individual network component store identification information of other individual network components in its current modular personal network.

27.   (New) The method of claim 10, wherein each individual network component stores network identification information for the current modular personal network.